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September 1, 2010

Via Facsimile

Examiner **STIMPERT, Philip Earl**
U.S. Patent and Trademark Office

Re: **Examiner Interview**
U.S. Patent Appln. S.N. 10/566,273
By: **OKAICHI, Atsuo, et al.**
Our Reference: P8058-4061-050868

Dear Examiner Stimpert:


Thank you for our telephone conversation, during which you granted the request for a telephone interview for Thursday, September 2, 2010.

In accordance with our conversation, I have enclosed an Interview Outline and also a listing of possible claim amendments, for discussion purposes. We can discuss these issues during the interview.

If you have any questions or comments, please feel free to contact me.

With best regards,

Very truly yours,
Kratz, Quintos & Hanson, LLP


Darren Crew
Attorney for Applicants
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DC/kn/ks

Enclosures: Interview Outline
Possible Claim Amendments, for Discussion Purposes

Examiner STIMPERT
U.S. Patent Appln. S.N. 10/566,273
By: OKAICHI, Atsuo, et al.
September 1, 2010
Page 2

INTERVIEW OUTLINE:

1. Claim 4 is objected to because of informalities.

I have enclosed, for discussion, a proposed amendment to claim 4 drafted in a manner intended to overcome this objection.

2. Claims 4 and 15 are rejected under the second paragraph of 35 U.S.C. §112 as being indefinite.

I have enclosed, for discussion, a proposed amendment to claims 4 and 15 drafted in a manner intended to overcome this rejection.

3. Claim 4 is rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,554,015 (Dreiman) in view of U.S. Patent No. 5,937,817 (Schanz) and U.S. Patent No. 5,582,271 (Mielo).

Applicants respectfully traverse this rejection, for the following reasons.

Dreiman, Schanz, and Mielo, alone or in combination, fail to describe, teach, or suggest the combination of features as set forth in claim 4, as amended, including at least the following features: “a wave-suppressing member, provided to be floated in an interface between the working fluid and the stored refrigeration oil, said wave-suppressing member comprising a divided member consisting of a plurality of plates which are partly immersed in the stored refrigeration oil and extend astride the interface to form a lattice which covers the substantial part of the interface area such that the interface area is divided into a plurality of pieces thereby reducing the rippling of the interface caused by the turning flow directly contacted with the interface” (emphasis added).

Accordingly, in view of the above, Applicants respectfully submit that this rejection of claim 4 should be withdrawn.

Examiner **STIMPERT**
U.S. Patent Appln. S.N. **10/566,273**
By: **OKAICHI, Atsuo, et al.**
September 1, 2010
Page 3

4. Claim 15 is rejected under 35 U.S.C. §103(a) as being unpatentable over Dreiman, Schanz, Mielo, and further in view of JP 2002-239311 (Inoue).

Applicants respectfully traverse this rejection, for the following reasons.

The Examiner acknowledged that **Dreiman, Schanz, and Mielo** fail to teach a mesh member (Office Action dated June 8, 2010, page 5, paragraph 9).

The Examiner has attempted to remedy the above-described deficiencies by relying on **Inoue**. The Examiner has attempted to rely on **Inoue** to teach a mesh member de-aerating a process fluid (Office Action dated June 8, 2010, page 5, paragraph 9).

However, **Inoue** is non-analogous art. **Inoue** is directed to a manufacturing process of metal paste (paragraph [0001]).

Inoue relates to a screen used on a highly viscous material (metal paste) in order to make particle diameter uniform and remove impurities (paragraphs [0001]-[0002]).

Inoue discloses a screen 4 having meshes (paragraph [0009]). In **Inoue**, a blade 21 pushes metal paste against the screen 4 (paragraphs [0001], [0002], and [0011]).

A person of ordinary skill in the art would not be motivated to utilize the screen 4 and meshes of **Inoue**, which has a metal paste pushed against it using a blade 21, in combination with **Dreiman, Schanz, and Mielo**, to attempt to arrive at a wave-suppressing member as set forth in claim 15 of the subject application.

Dreiman, Schanz, Mielo, and Inoue, alone or in combination, fail to describe, teach, or suggest the combination of features as set forth in claim 15 including at least the following features: "wherein said wave-suppressing member comprises a divided member which extends astride said interface to divide said interface into a plurality of pieces, wherein said divided member comprises a mesh member and portions of said mesh member are always immersed in the refrigeration oil of said reservoir."

Accordingly, in view of the above, Applicants respectfully submit that this rejection of claim 15 is improper and should be withdrawn.

Examiner **STIMPERT**
U.S. Patent Appln. S.N. **10/566,273**
By: **OKAICHI, Atsuo, et al.**
September 1, 2010
Page 4

POSSIBLE CLAIM AMENDMENTS, FOR DISCUSSION PURPOSES:

Listing of Claims

Claims 1-3 (canceled).

Claim 4 (currently amended): A compressor comprising:

a container;

a compressor mechanism, provided disposed inside said container and disposed in a lower portion of said container, for compressing working fluid[.]);

a motor, provided comprising a stator and a rotor, disposed inside said container and disposed in an upper portion of said container, for driving said compressor mechanism to create a turning flow from the working fluid by the rotation of the rotor;

~~a discharge pipe, disposed in an upper space of said container, for discharging the compressed working fluid;~~

an oil reservoir, provided at a bottom of said container, for storing refrigeration oil; and

a ~~floating type~~ wave-suppressing member, provided to be floated in an interface between the working fluid and the ~~stored~~ refrigeration oil, ~~of said reservoir~~, for reducing the area of said interface which comes into direct contact with the turning flow of the working fluid generated by the rotation of the rotor;

Examiner **STIMPERT**
U.S. Patent Appln. S.N. **10/566,273**
By: **OKAICHI, Atsuo, et al.**
September 1, 2010
Page 5

wherein said wave-suppressing member ~~comprises~~ comprising a divided member consisting of which extends astride said interface to divide said interface into a plurality of pieces;

wherein said divided member comprises a plurality of plates ~~which are partly standing in the~~ vertical direction and portions of said plates are always immersed in the stored refrigeration oil and extend astride the interface to form a lattice which covers the substantial part of the interface area such that the interface area is divided into a plurality of pieces thereby reducing the rippling of the interface caused by the turning flow directly contacted with the interface of said reservoir, wherein a plurality of said plates are assembled in a lattice form.

Claims 5-14 (canceled).

Claim 15 (currently amended): A compressor comprising:

a container;

a compressor mechanism, disposed inside said container and disposed in a lower portion of said container, for compressing working fluid,

a motor comprising a stator and a rotor, disposed inside said container and disposed in an upper portion of said container, for driving said compressor mechanism by the rotation of the rotor;

a discharge pipe, disposed in an upper space of said container, for discharging the compressed working fluid;

an oil reservoir, provided at a bottom of said container, for storing refrigeration oil; and

a floating type wave-suppressing member, floated in an interface between the working fluid

Examiner **STIMPERT**
U.S. Patent Appln. S.N. **10/566,273**
By: **OKAICHI, Atsuo, et al.**
September 1, 2010
Page 6

and the refrigeration oil of said reservoir, for reducing the area of said interface which comes into direct contact with [[the]] a turning flow of the working fluid generated by the rotation of the rotor;

wherein said wave-suppressing member comprises a divided member which extends astride said interface to divide said interface into a plurality of pieces, wherein said divided member comprises a mesh member and portions of said mesh member are always immersed in the refrigeration oil of said reservoir.

Claim 16 (canceled).

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